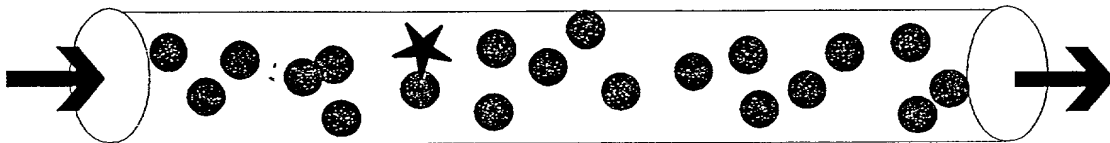
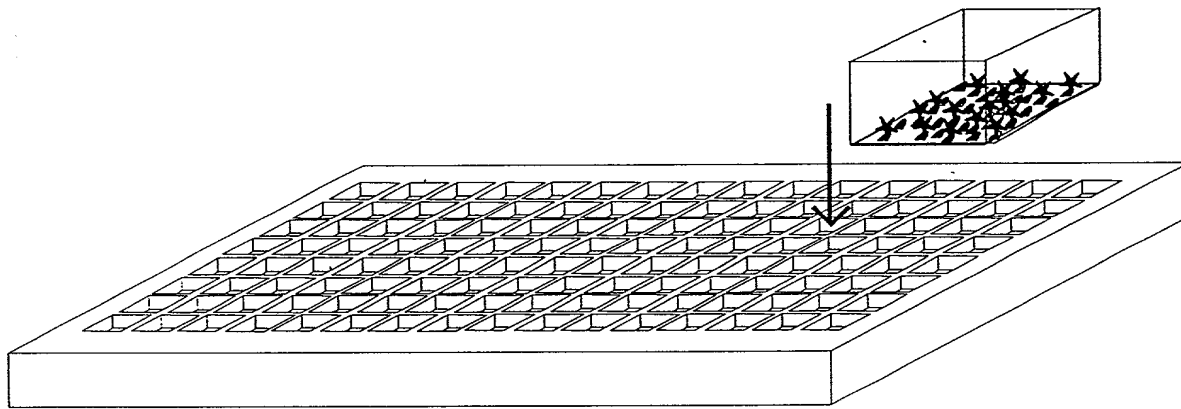
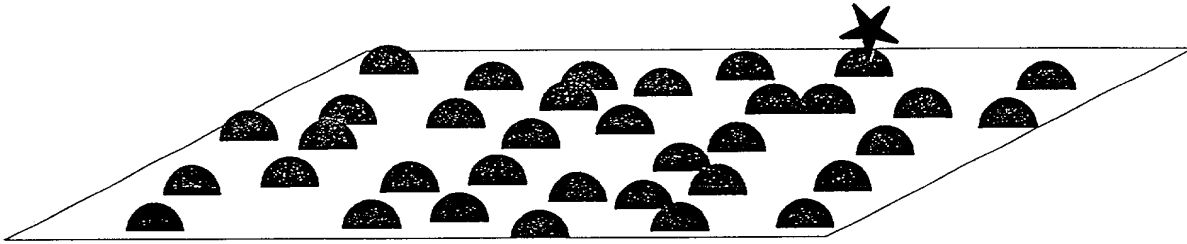


FIG. 1



09443006 042901

FIG. 2

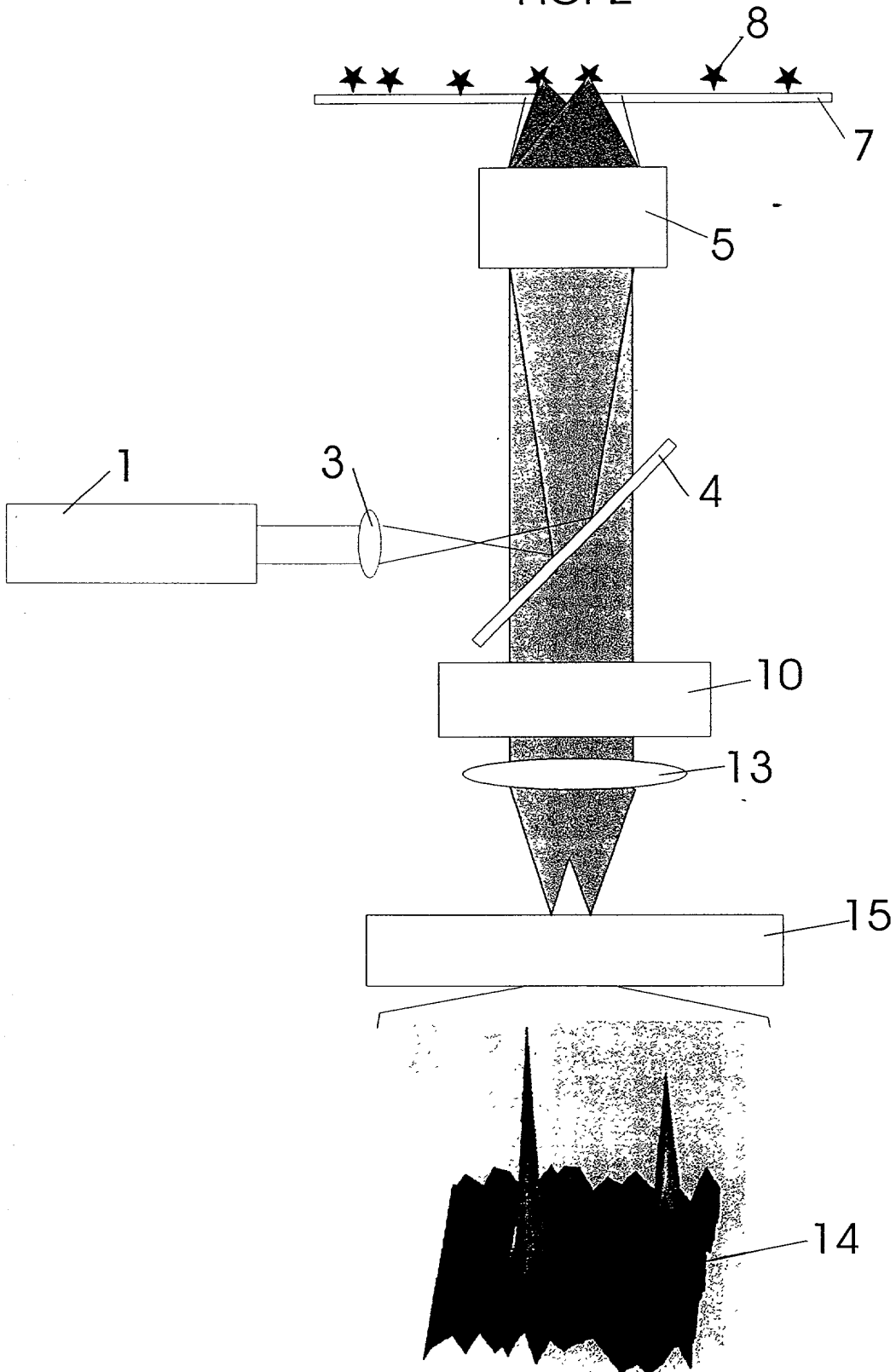
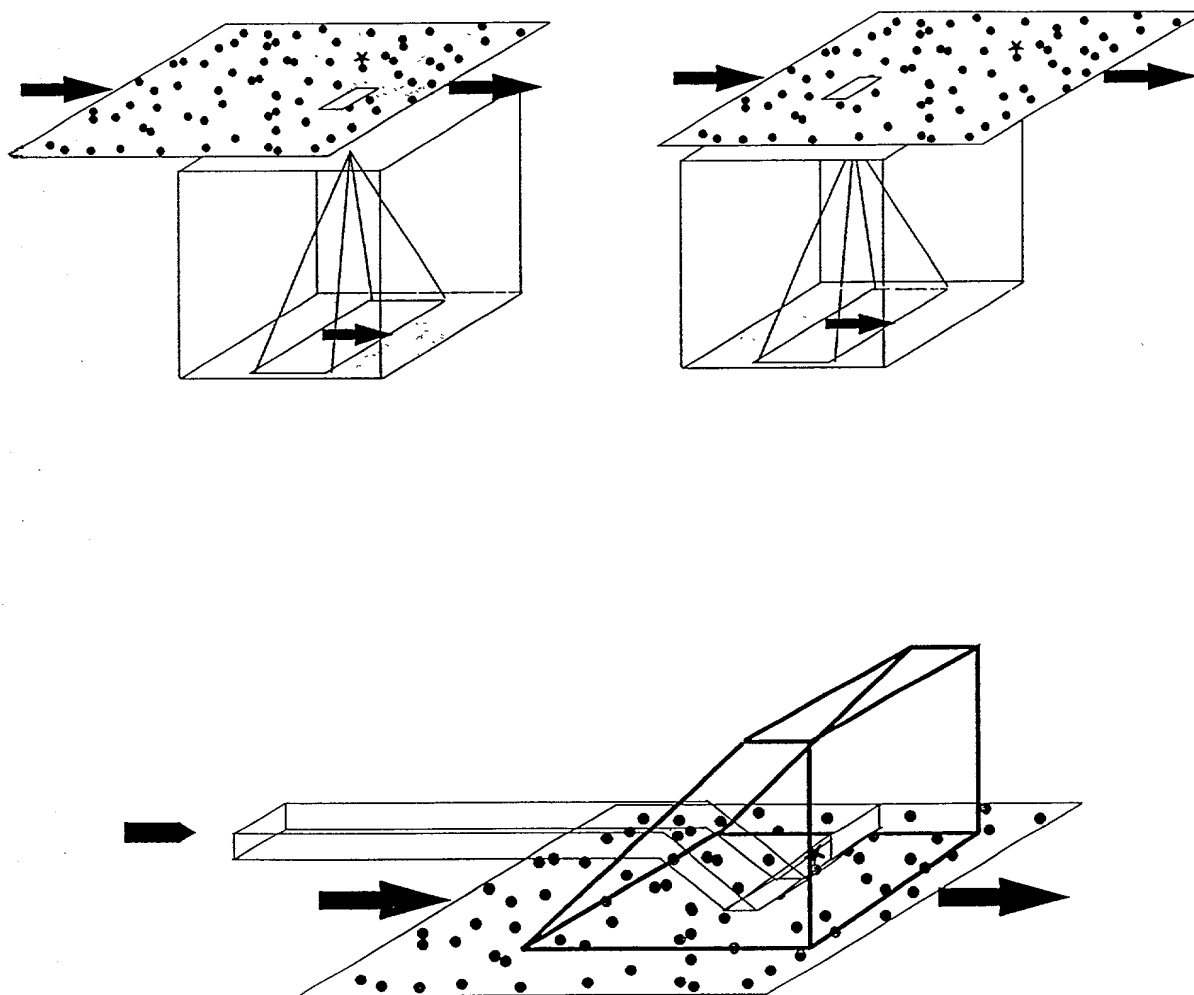


FIG. 3



039445006 0042 004

FIG. 4

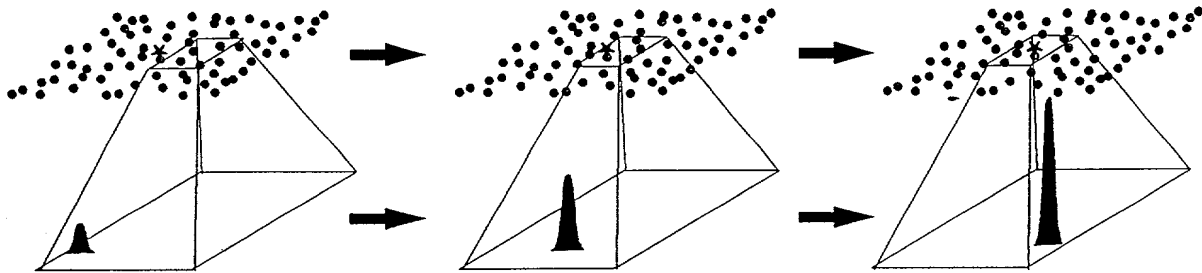


FIG. 5

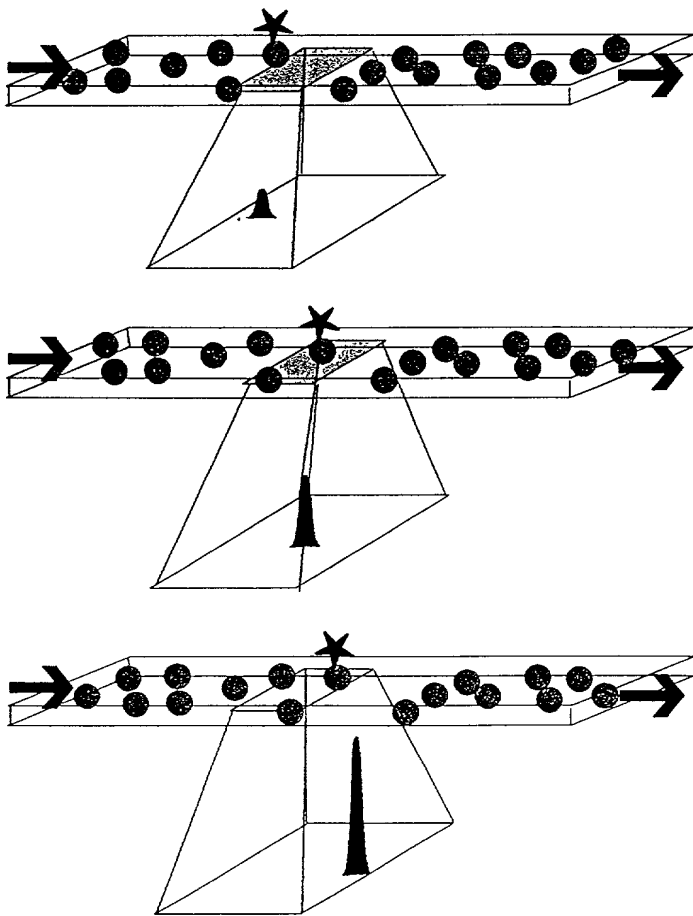
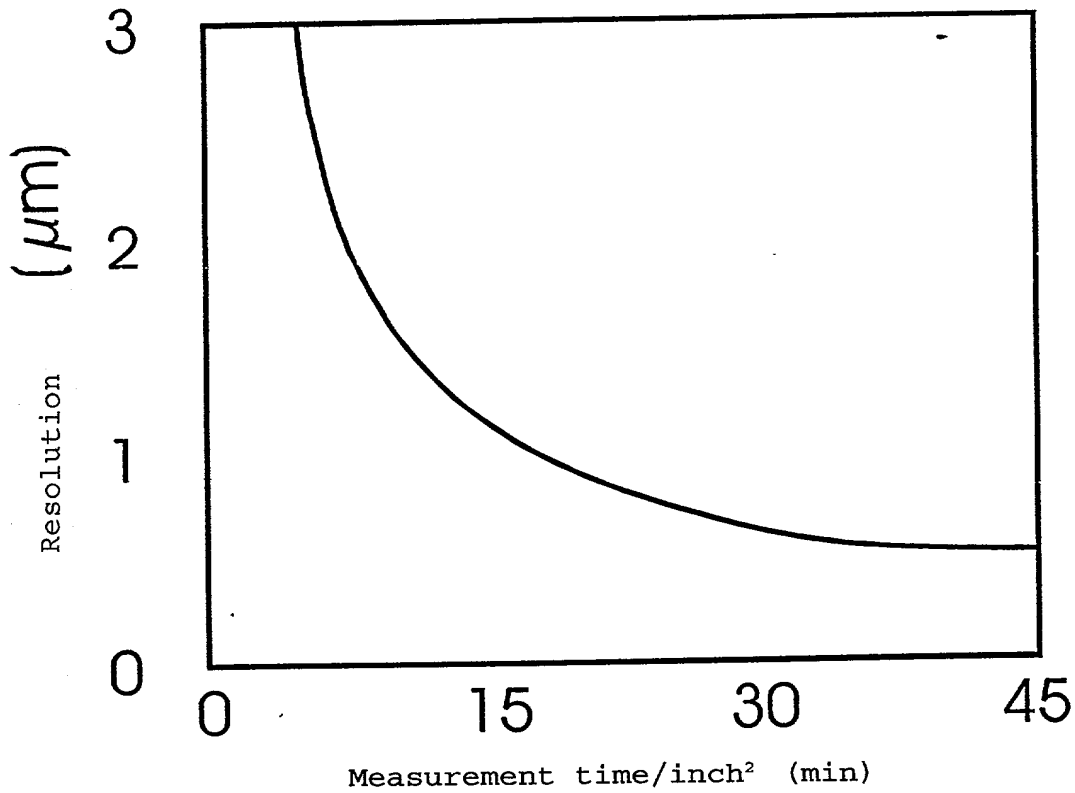


FIG. 6



for typical characteristics of CCD cameras (cooled with liquid  $N_2$ ): 1300 x 1340 pixels (250 x 250  $\mu\text{m}$ )  
 line shift rate 300 KHz, read-out rate 1 MHz, read-out noise ~7 counts per pixel, dark noise ~0.  
 Objective with 40-fold magnification, illuminated area = area pixel array/40 x 40 = 400  $\mu\text{m}$  x 100  $\mu\text{m}$ ;  
 light intensity maintained at 250 counts per fluorophore

FIG. 7

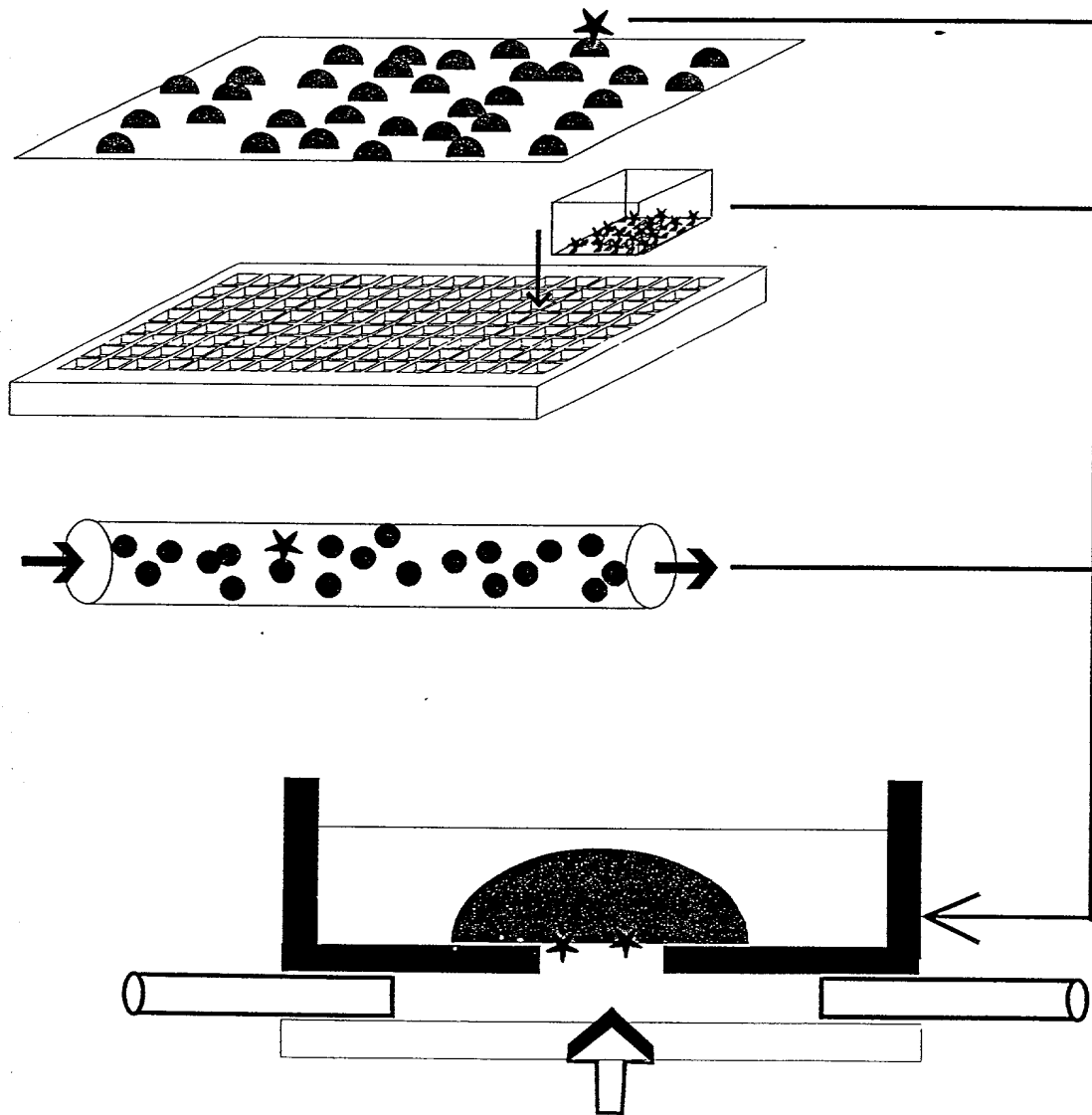


FIG. 8

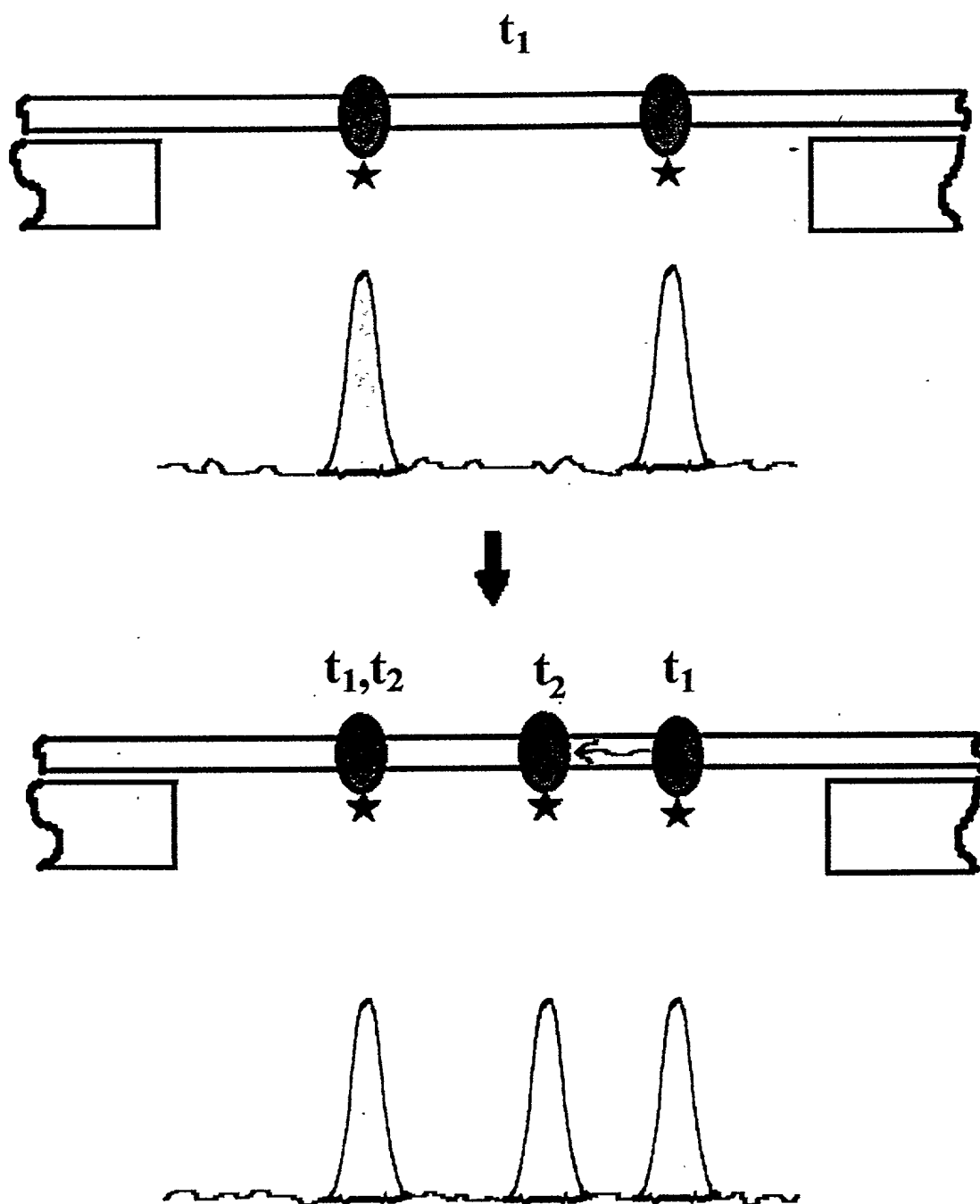
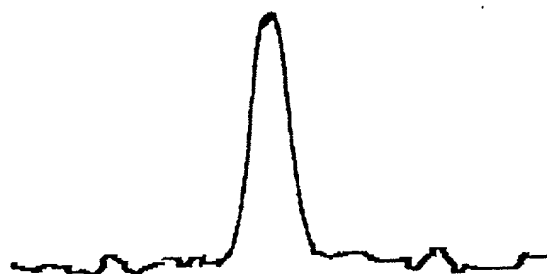
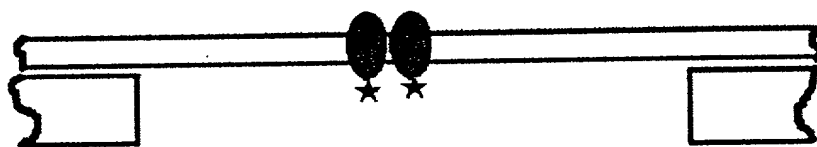
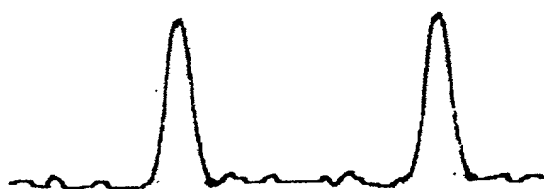
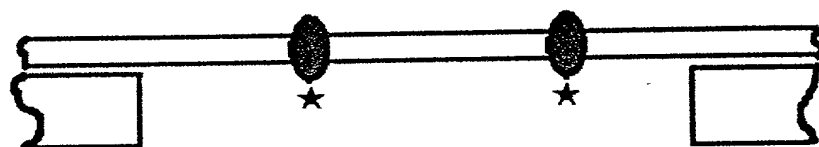


FIG. 9

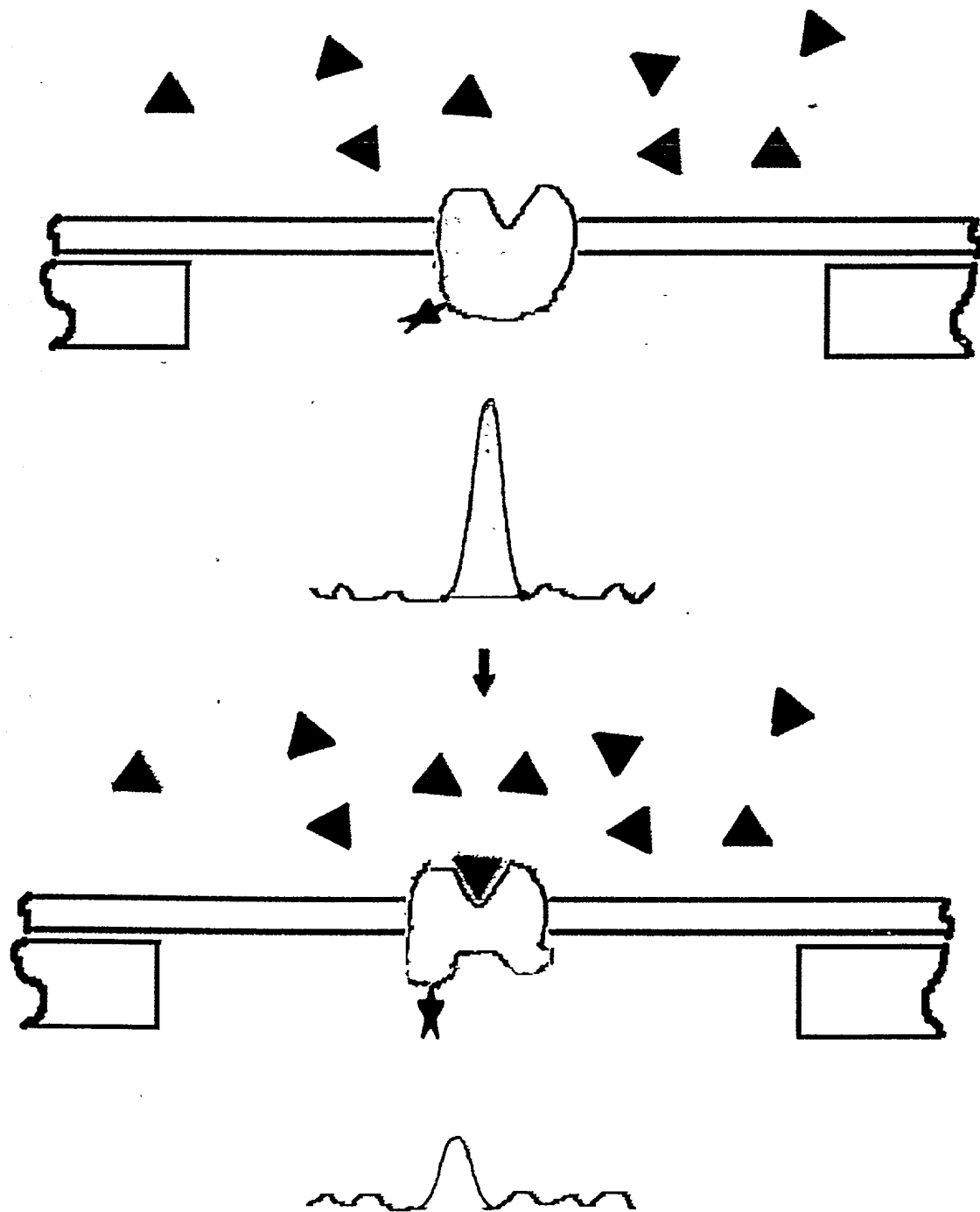


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FIG.10



09345006 244204  
T02240 30054860

FIG. 11

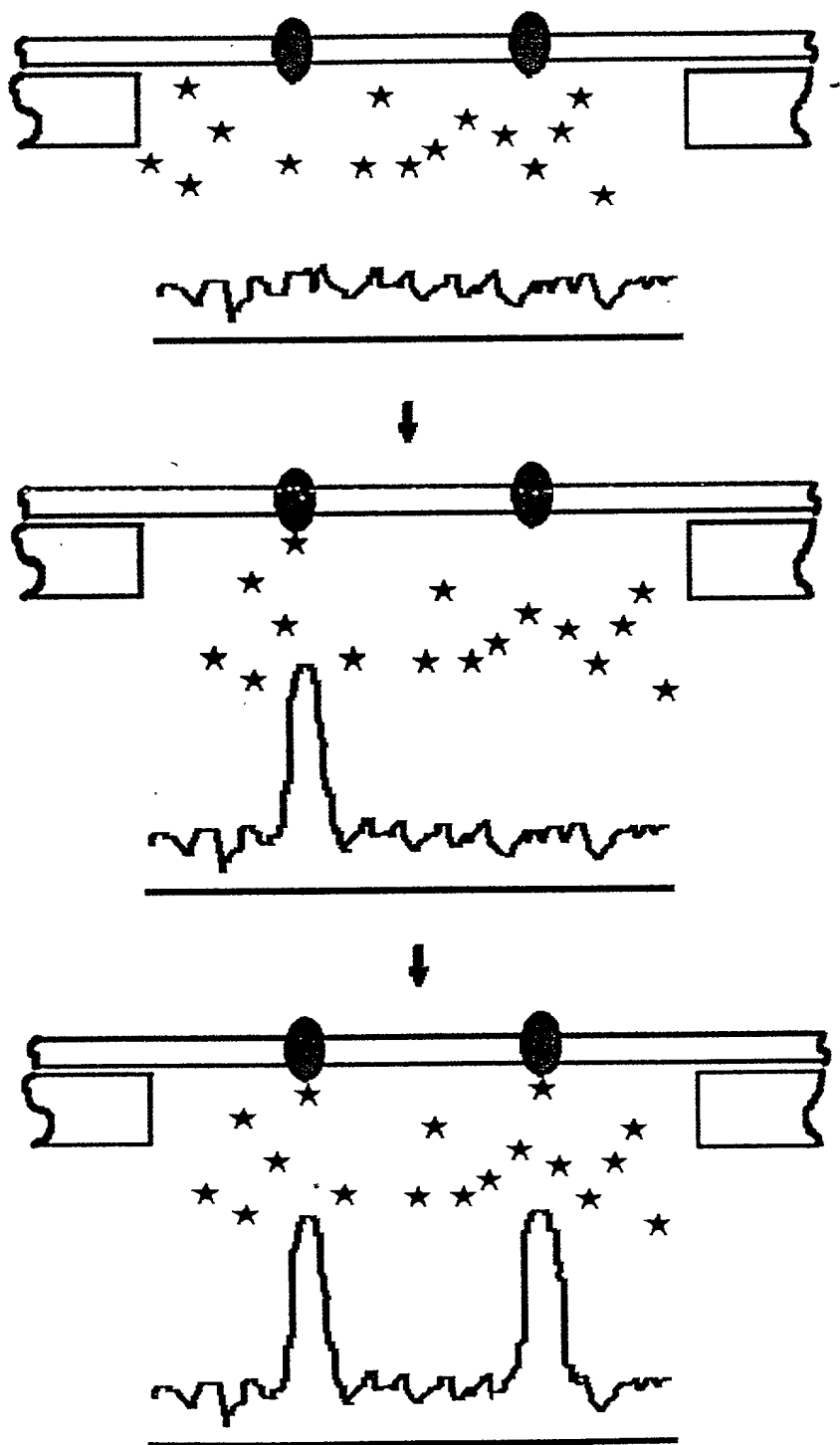


FIG. 12

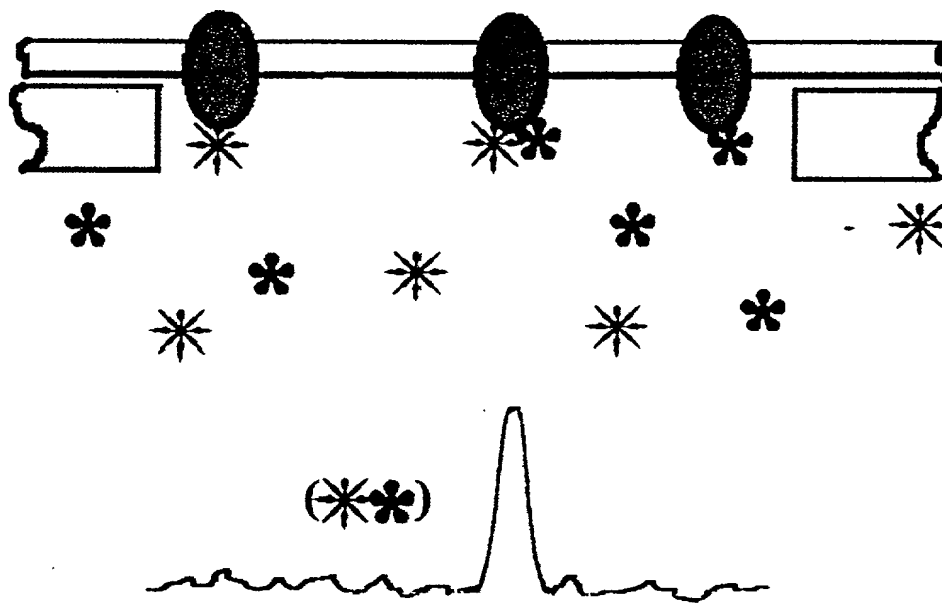
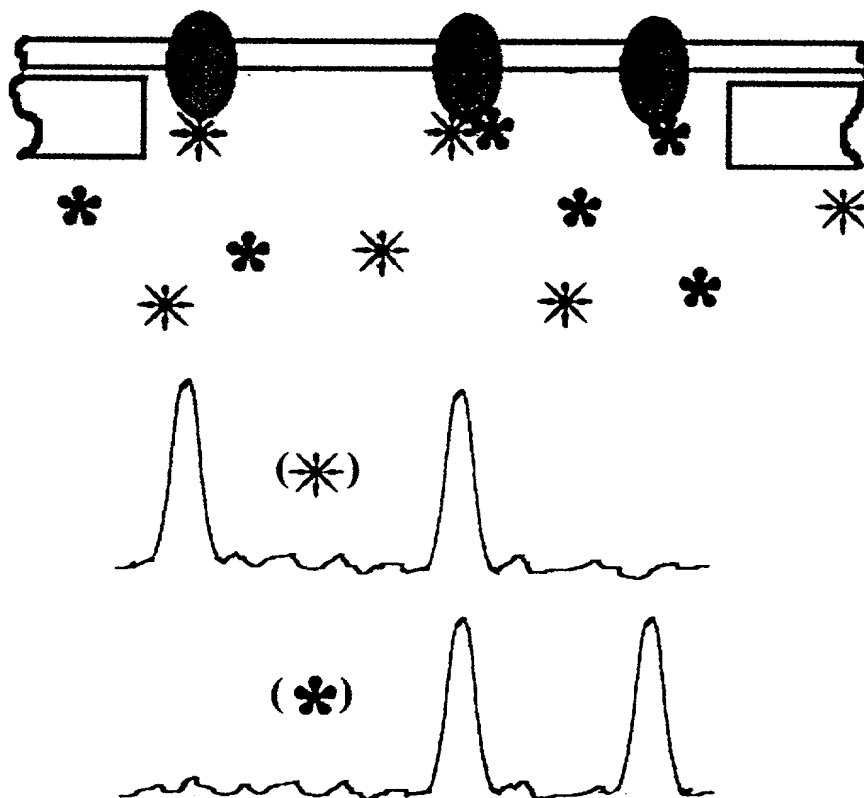


FIG. 13



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Fig.14

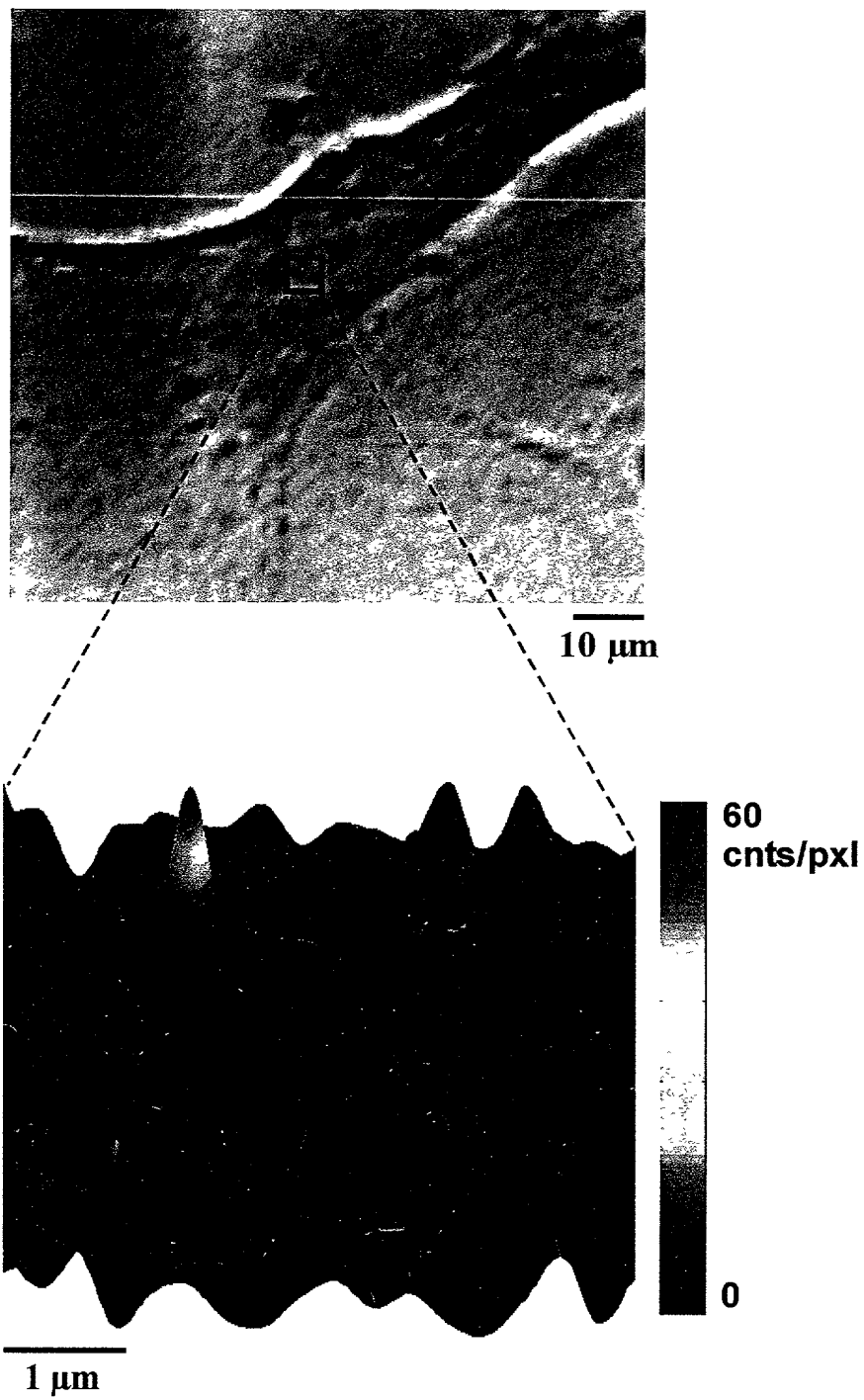


Fig.15

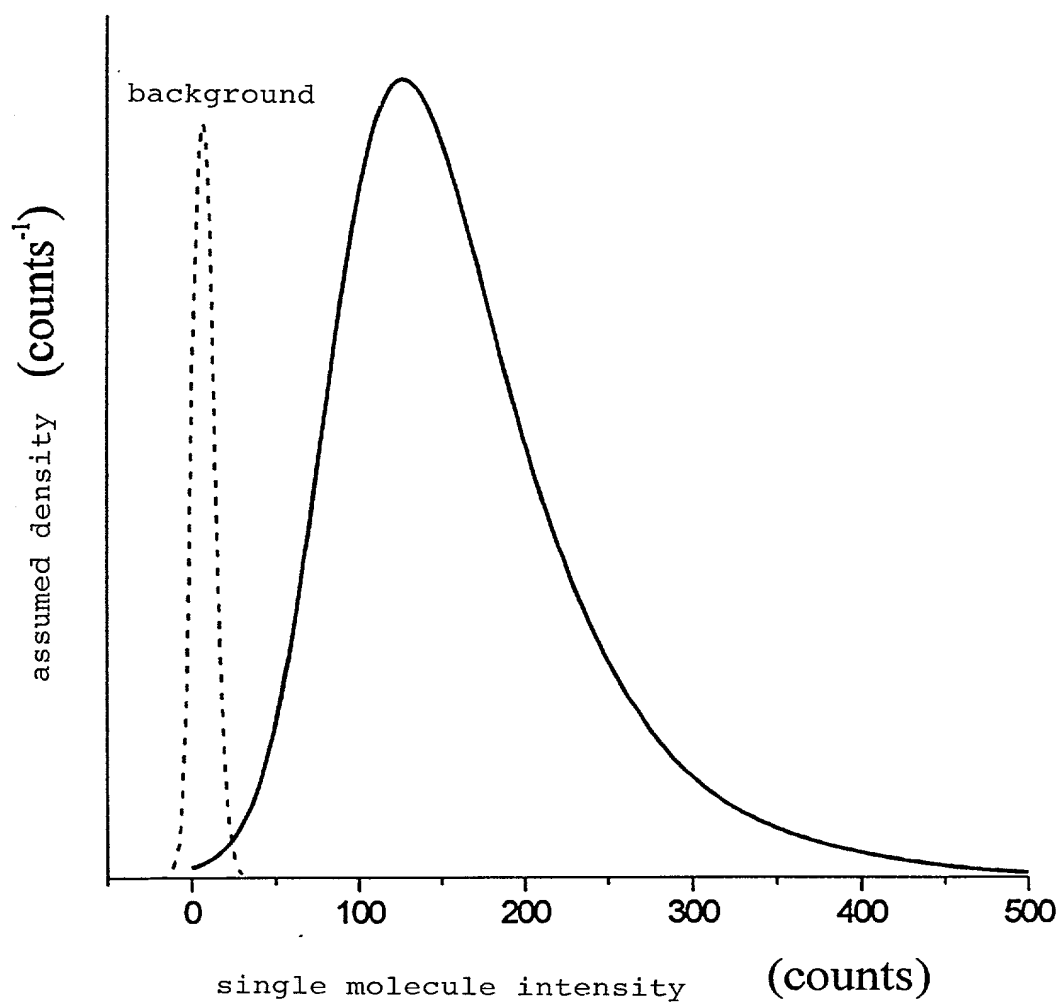
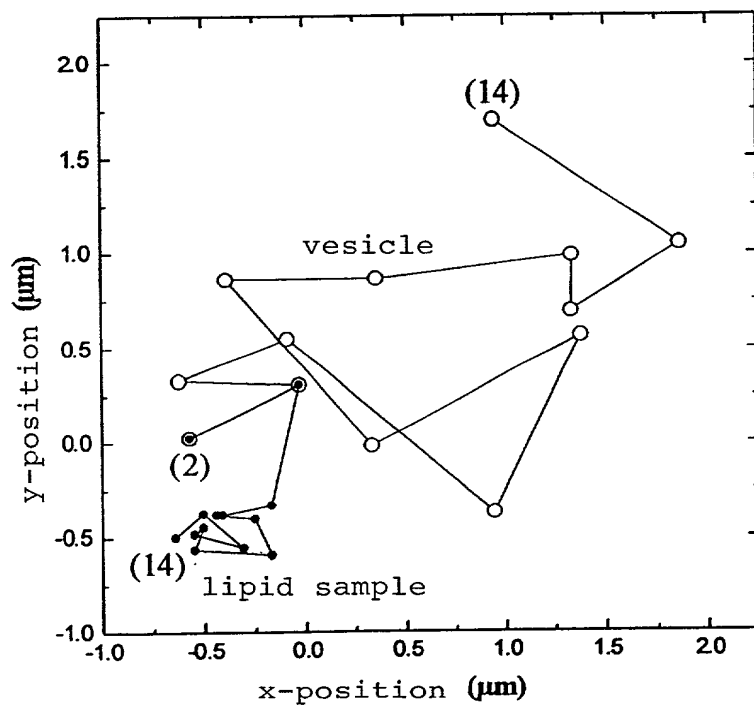
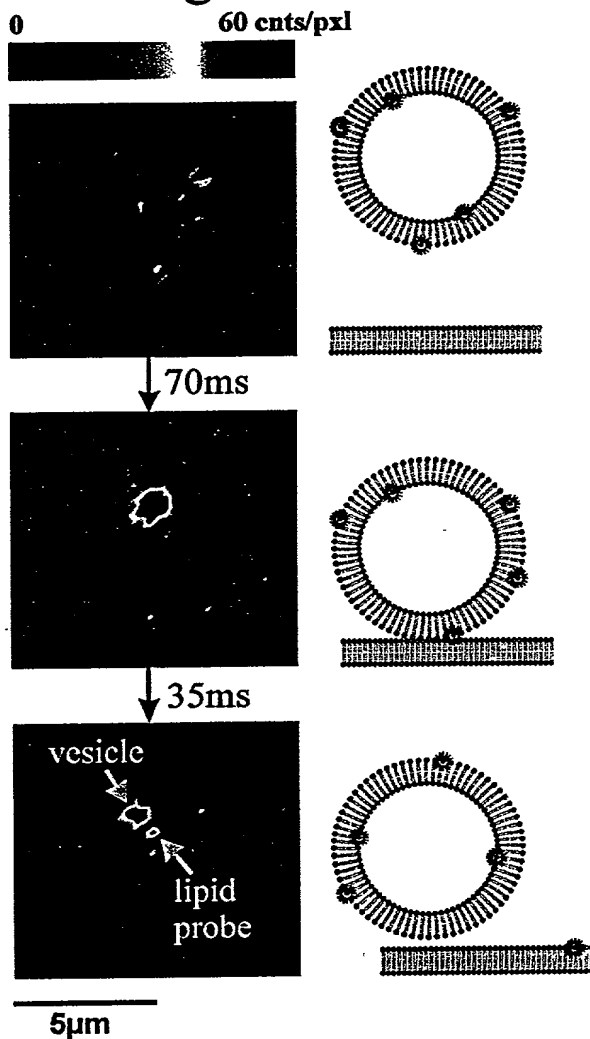


Fig.16



T0440-3057850

Fig. 17

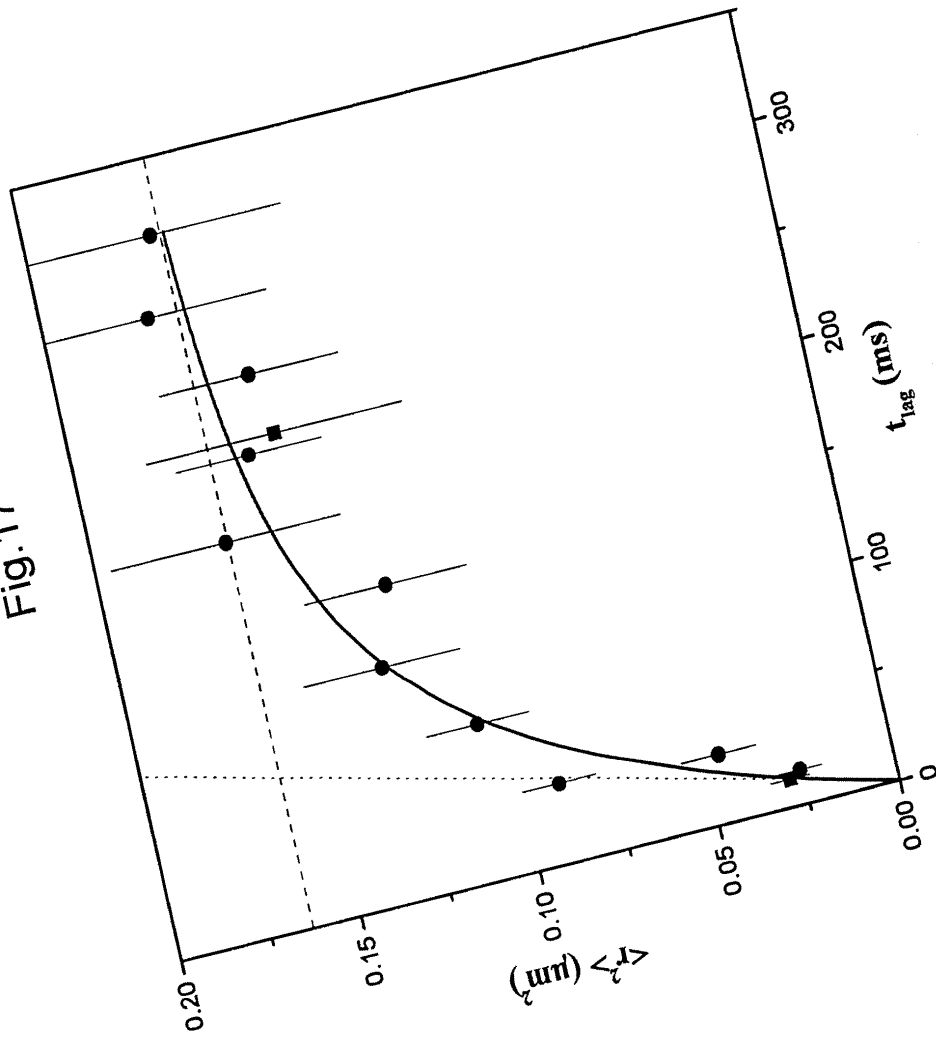


Fig.18

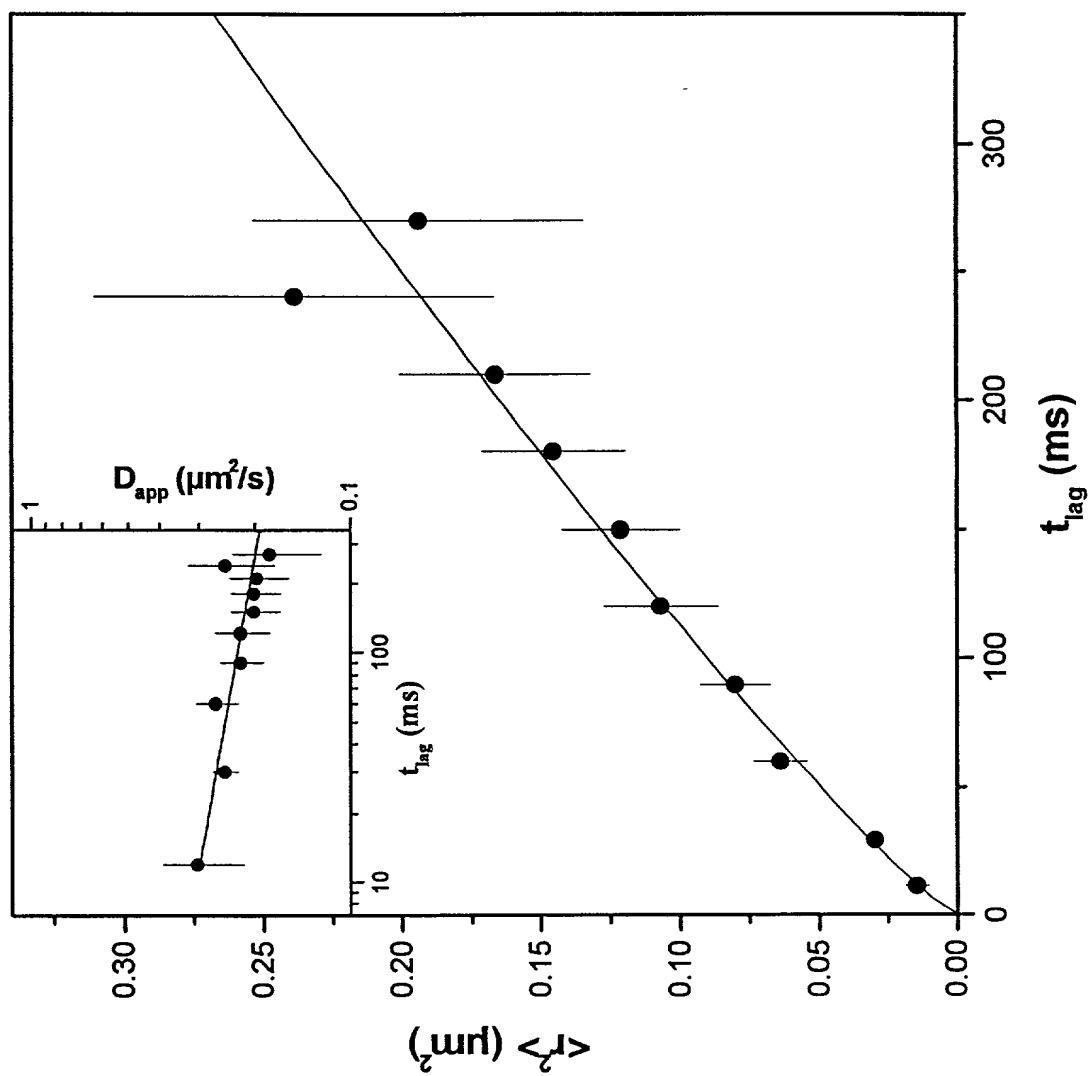
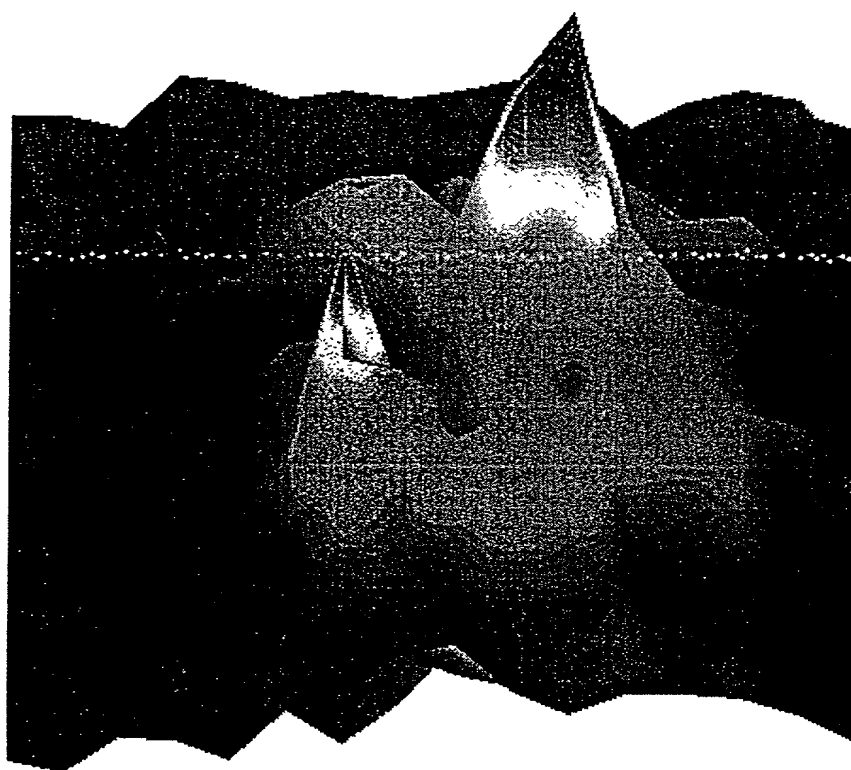




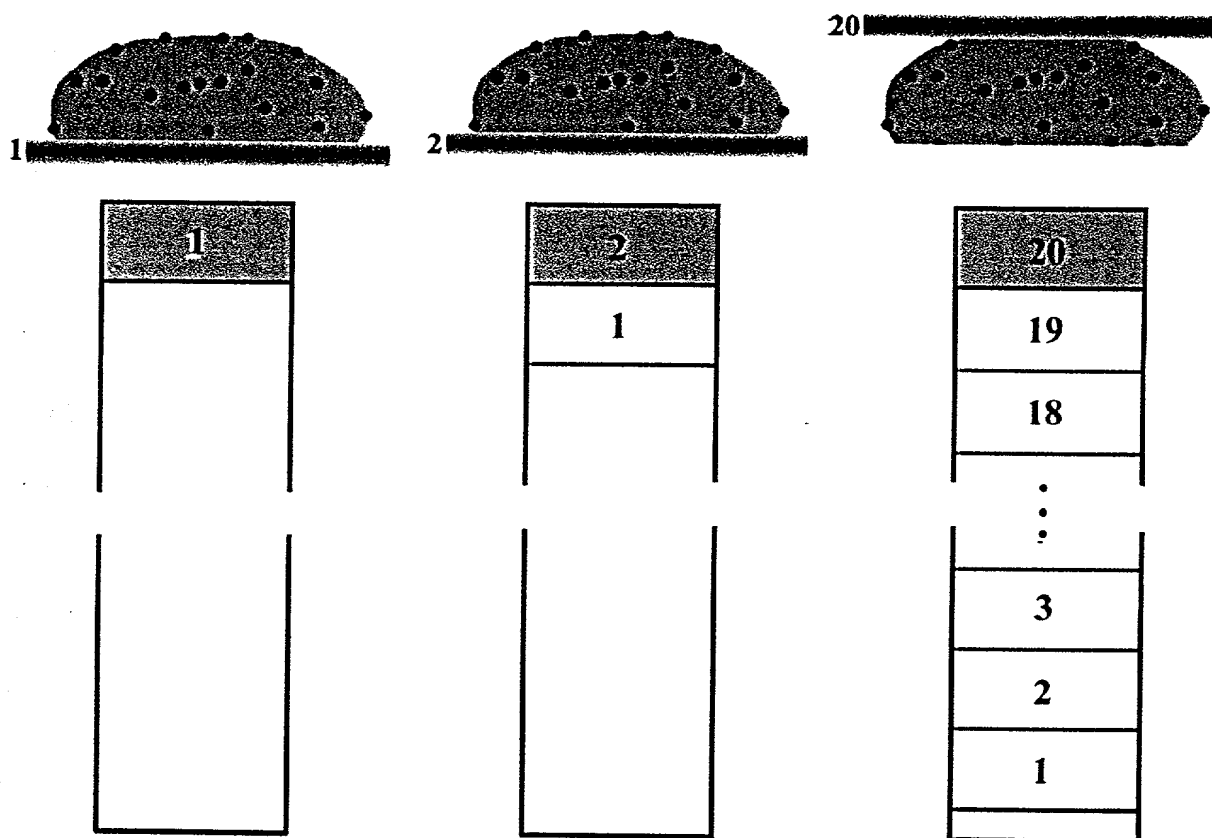
FIG. 19



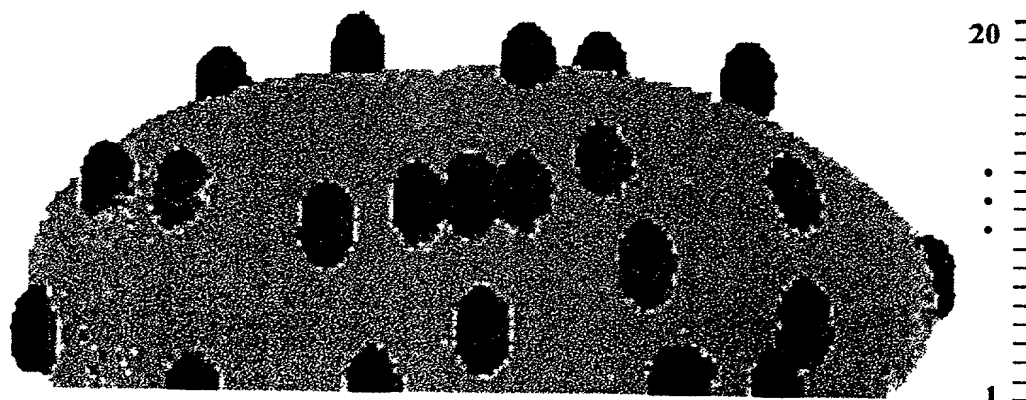
1μm

09445009.042901

**Fig. 20A**

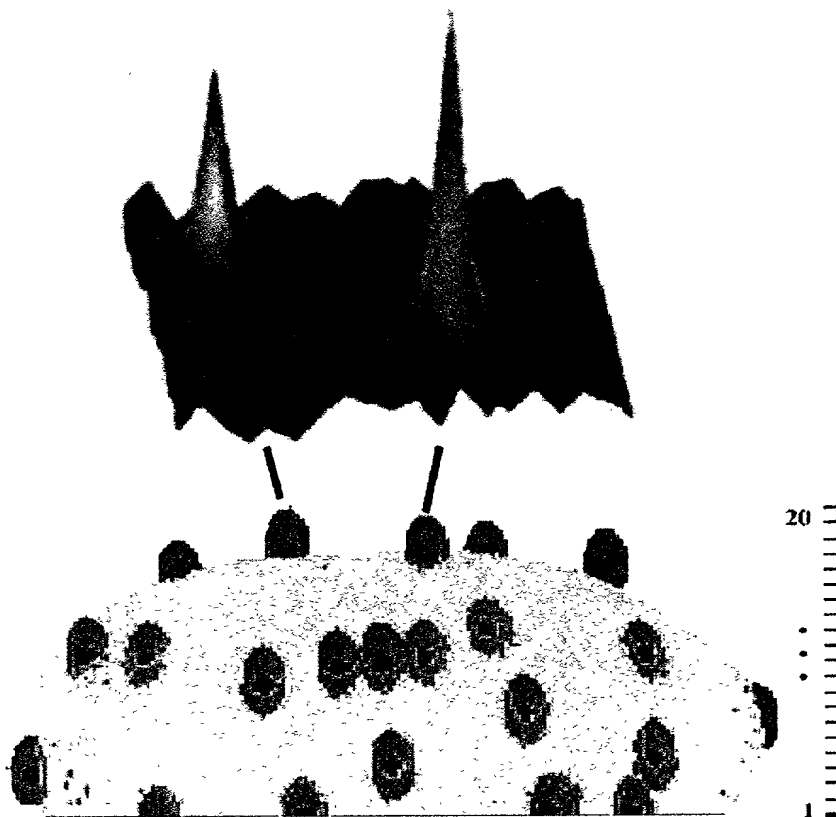


**Fig. 20B**



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FIG. 20C



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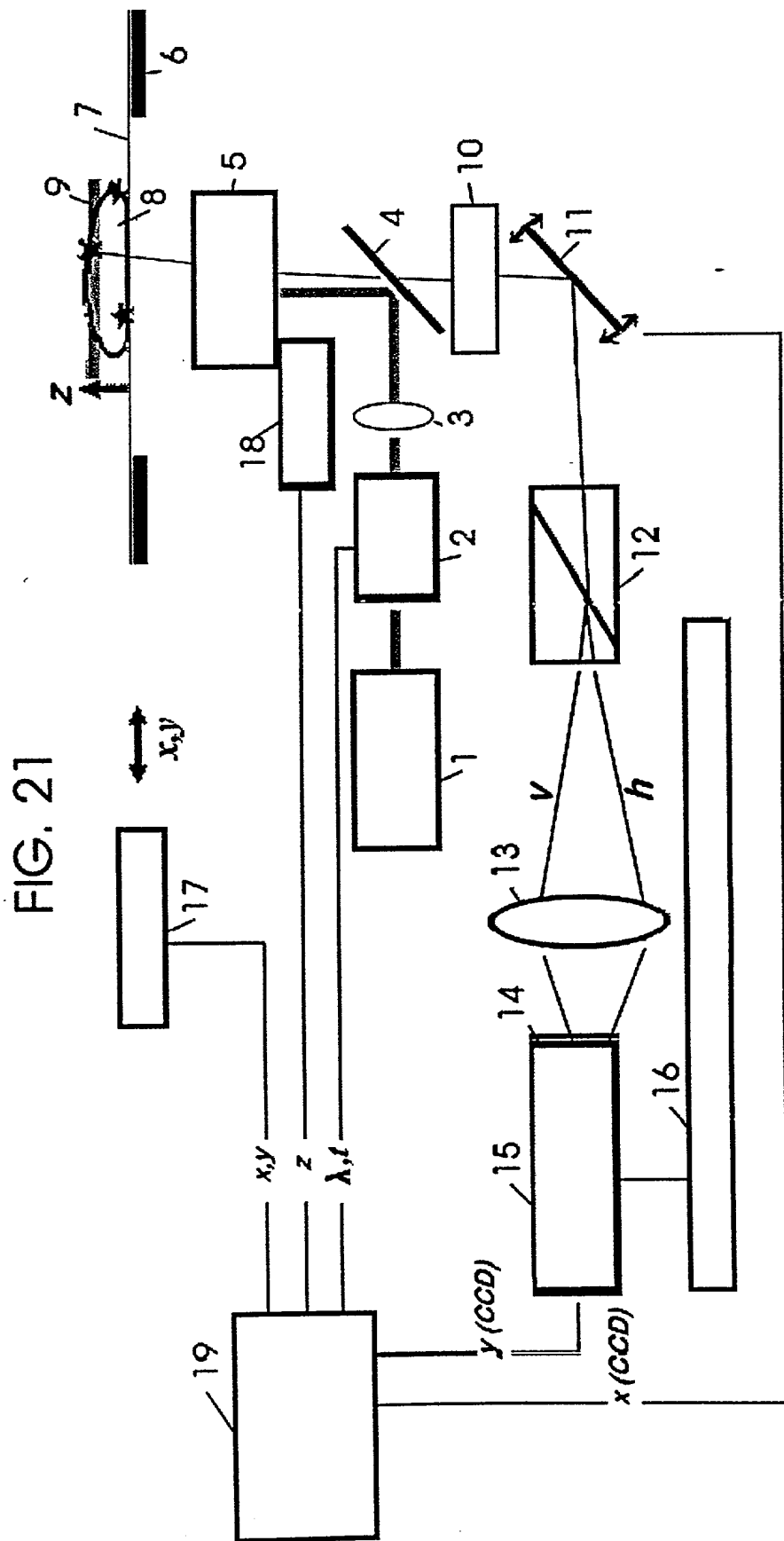


FIG. 22

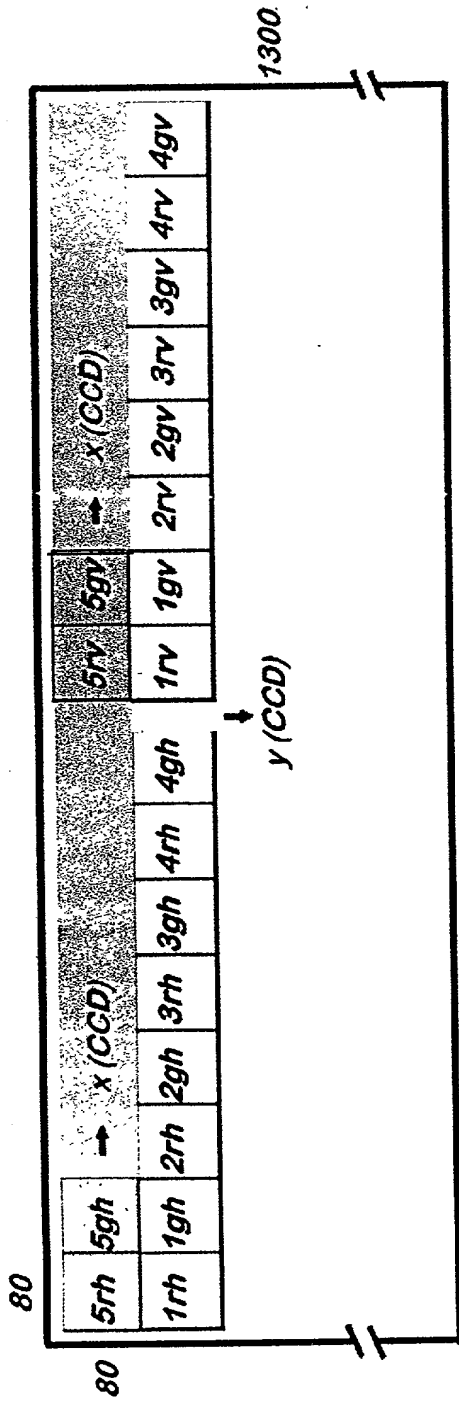


FIG. 23

